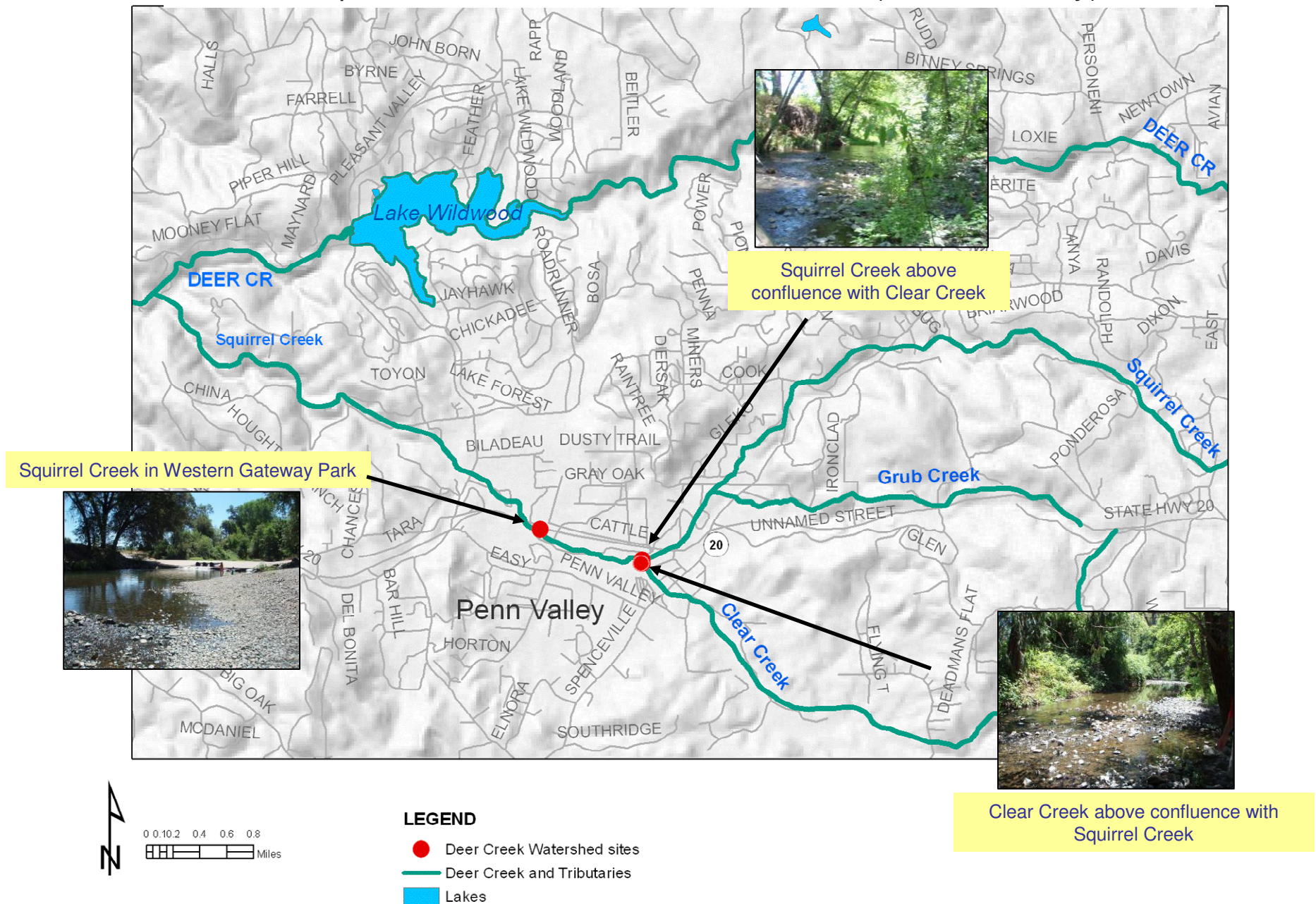
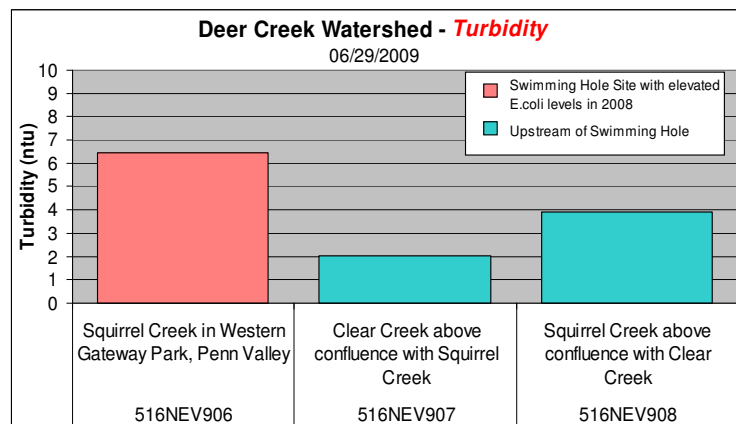
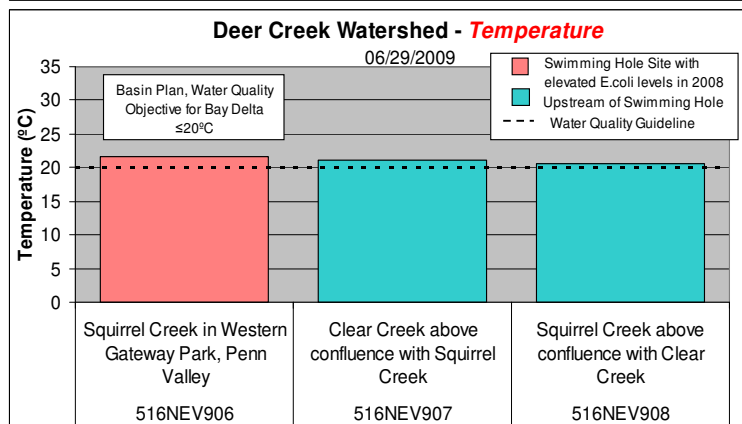
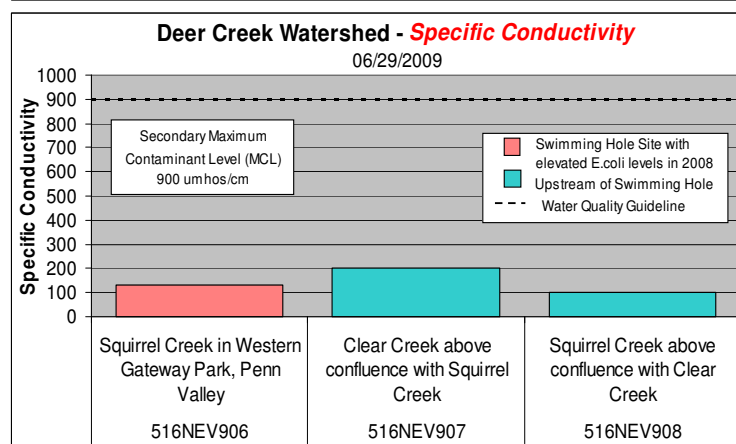
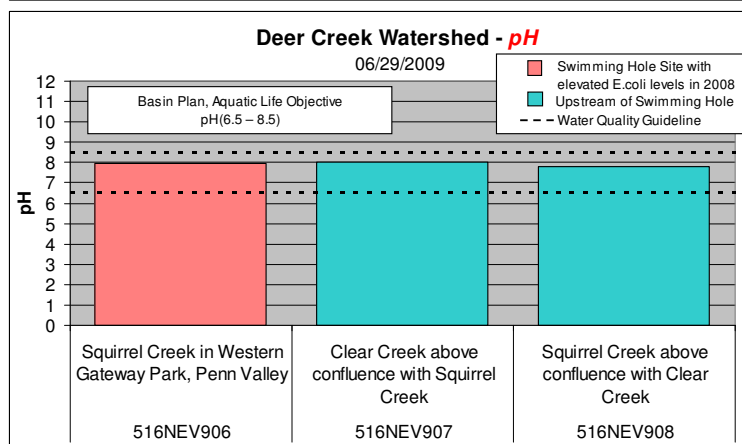
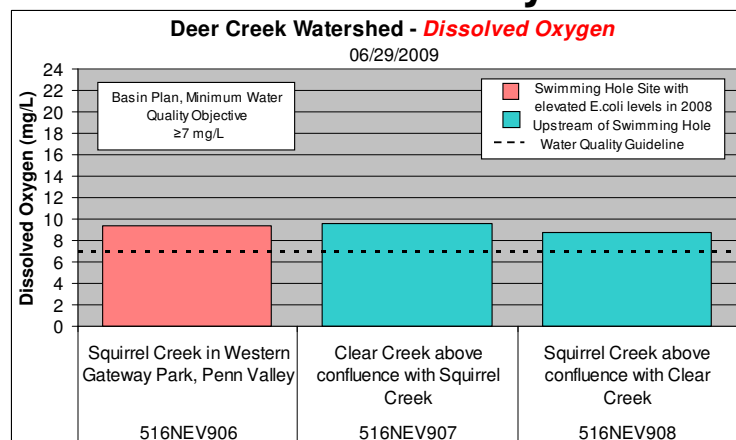
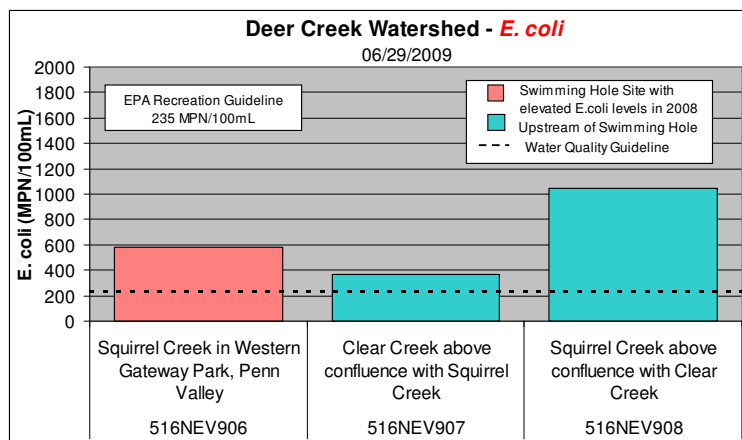


2009 SWAMP Safe-To-Swim Study

Sample Sites for the Deer Creek Watershed (Nevada County)



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study



DRAFT DATA – 2009 SWAMP Safe-to-Swim Study

Constituent	Water Quality Guideline	Deer Creek Watershed Sample Sites		
		Squirrel Creek in Western Gateway Park, Penn Valley	Clear Creek above confluence with Squirrel Creek	Squirrel Creek above confluence with Clear Creek
Total Coliform (MPN/100mL)	NA	>2419.6	>2419.6	>2419.6
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	579.4	365.4	1046.2
E. coli O157:H7 (positive/negative)	NA	negative	negative	negative
Cryptosporidium (oocyst/L)	NA	0.091	No sample taken	No sample taken
Giardia (cyst/L)	NA	0	No sample taken	No sample taken
Salmonella (MPN/100mL)	NA	<2.2	No sample taken	No sample taken
Nitrogen, Total Nitrate-N (mg/L)	≤10 mg/L (Primary Maximum Contaminant Level) ¹	0.19	0.32	0.13
Nitrogen, Total Kjeldahl (mg/L)	NA	<0.50	<0.50	<0.50
Nitrogen, Ammonia-N (mg/L)	NA	<0.20	<0.20	<0.20
Phosphate, Total-P (mg/L)	NA	0.027	<0.020	0.038
Phosphate, Ortho-P (mg/L)	NA	0.0233	0.0148	0.0325
Dissolved Oxygen (mg/L)	≥7 mg/L (Basin Plan Objective) ²	9.35	9.61	8.7
pH	6.5-8.5 (Basin Plan Objective) ²	7.95	8.03	7.81
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level) ¹	132	201	101
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta) ²	21.62	21.16	20.66
Turbidity (ntu)	NA	6.46	2.03	3.92

Shaded cell = Does not meet Water Quality Guideline

1 - Drinking Water

2- Aquatic Life